

2024 - October

Calendar for Mauna Kea - Hawai'i

2024 - October

Longitude: W 155 28
Latitude : N 19 50

Height: 4215m
Time Zone: -10h 00m

Zone Time = UT - 10h 00m

| Date | J.D. at | | Moon | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---------|--------|------|----|----|------|-----|--------------|-------|---------|-------|-------|------|-----|---------|-------|-------|----|----|----|----|----|----|----|----|----|----|----|
| | Oh UT | | LMST | | | Moon | | Moon Transit | | Morning | | | Sun | | Evening | | | | | | | | | | | | | |
| | 246 | | at | Oh | UT | Rise | Set | Dec. | Phase | Astr. | Naut. | Civil | Rise | Set | Civil | Naut. | Astr. | | | | | | | | | | | |
| | | | h | m | s | h | m | h | m | o | ' | h | m | h | m | h | m | h | m | | | | | | | | | |
| Tues | 1 | 0584.5 | 14 | 19 | 01 | 05 | 15 | 17 | 55 | +00 | 26 | 0.01 | 05 | 00 | 05 | 25 | 05 | 51 | 06 | 03 | 18 | 19 | 18 | 31 | 18 | 57 | 19 | 22 |
| Wed | 2 | 0585.5 | 14 | 22 | 57 | 06 | 02 | 18 | 26 | -05 | 28 | 0.00 | 05 | 00 | 05 | 26 | 05 | 51 | 06 | 03 | 18 | 18 | 18 | 30 | 18 | 56 | 19 | 21 |
| Thur | 3 | 0586.5 | 14 | 26 | 54 | 06 | 50 | 18 | 57 | -11 | 11 | 0.01 | 05 | 00 | 05 | 26 | 05 | 51 | 06 | 04 | 18 | 17 | 18 | 30 | 18 | 55 | 19 | 21 |
| Fri | 4 | 0587.5 | 14 | 30 | 50 | 07 | 39 | 19 | 31 | -16 | 31 | 0.04 | 05 | 01 | 05 | 26 | 05 | 52 | 06 | 04 | 18 | 16 | 18 | 29 | 18 | 54 | 19 | 20 |
| Sat | 5 | 0588.5 | 14 | 34 | 47 | 08 | 29 | 20 | 08 | -21 | 15 | 0.09 | 05 | 01 | 05 | 26 | 05 | 52 | 06 | 04 | 18 | 16 | 18 | 28 | 18 | 53 | 19 | 19 |
| Sun | 6 | 0589.5 | 14 | 38 | 43 | 09 | 23 | 20 | 50 | -25 | 08 | 0.16 | 05 | 01 | 05 | 27 | 05 | 52 | 06 | 04 | 18 | 15 | 18 | 27 | 18 | 53 | 19 | 18 |
| Mon | 7 | 0590.5 | 14 | 42 | 40 | 10 | 18 | 21 | 38 | -27 | 54 | 0.24 | 05 | 01 | 05 | 27 | 05 | 52 | 06 | 05 | 18 | 14 | 18 | 26 | 18 | 52 | 19 | 17 |
| Tues | 8 | 0591.5 | 14 | 46 | 37 | 11 | 15 | 22 | 31 | -29 | 17 | 0.33 | 05 | 02 | 05 | 27 | 05 | 53 | 06 | 05 | 18 | 13 | 18 | 25 | 18 | 51 | 19 | 16 |
| Wed | 9 | 0592.5 | 14 | 50 | 33 | 12 | 11 | 23 | 28 | -29 | 02 | 0.43 | 05 | 02 | 05 | 27 | 05 | 53 | 06 | 05 | 18 | 12 | 18 | 25 | 18 | 50 | 19 | 16 |
| Thur | 10 | 0593.5 | 14 | 54 | 30 | 13 | 05 | .. | .. | -27 | 05 | 0.54 | 05 | 02 | 05 | 28 | 05 | 53 | 06 | 05 | 18 | 12 | 18 | 24 | 18 | 49 | 19 | 15 |
| Fri | 11 | 0594.5 | 14 | 58 | 26 | 13 | 55 | 00 | 29 | -23 | 26 | 0.65 | 05 | 02 | 05 | 28 | 05 | 53 | 06 | 06 | 18 | 11 | 18 | 23 | 18 | 49 | 19 | 14 |
| Sat | 12 | 0595.5 | 15 | 02 | 23 | 14 | 42 | 01 | 31 | -18 | 16 | 0.76 | 05 | 03 | 05 | 28 | 05 | 54 | 06 | 06 | 18 | 10 | 18 | 22 | 18 | 48 | 19 | 13 |
| Sun | 13 | 0596.5 | 15 | 06 | 19 | 15 | 25 | 02 | 33 | -11 | 54 | 0.86 | 05 | 03 | 05 | 28 | 05 | 54 | 06 | 06 | 18 | 09 | 18 | 21 | 18 | 47 | 19 | 13 |
| Mon | 14 | 0597.5 | 15 | 10 | 16 | 16 | 05 | 03 | 35 | -04 | 40 | 0.93 | 05 | 03 | 05 | 29 | 05 | 54 | 06 | 07 | 18 | 08 | 18 | 21 | 18 | 46 | 19 | 12 |
| Tues | 15 | 0598.5 | 15 | 14 | 12 | 16 | 45 | 04 | 37 | +02 | 58 | 0.98 | 05 | 03 | 05 | 29 | 05 | 55 | 06 | 07 | 18 | 08 | 18 | 20 | 18 | 46 | 19 | 11 |
| Wed | 16 | 0599.5 | 15 | 18 | 09 | 17 | 26 | 05 | 39 | .. | .. | | 05 | 04 | 05 | 29 | 05 | 55 | 06 | 07 | 18 | 07 | 18 | 19 | 18 | 45 | 19 | 11 |
| Thur | 17 | 0600.5 | 15 | 22 | 06 | 18 | 09 | 06 | 44 | +10 | 28 | 1.00 | 05 | 04 | 05 | 29 | 05 | 55 | 06 | 08 | 18 | 06 | 18 | 19 | 18 | 44 | 19 | 10 |
| Fri | 18 | 0601.5 | 15 | 26 | 02 | 18 | 55 | 07 | 50 | +17 | 18 | 0.98 | 05 | 04 | 05 | 30 | 05 | 56 | 06 | 08 | 18 | 05 | 18 | 18 | 18 | 44 | 19 | 09 |
| Sat | 19 | 0602.5 | 15 | 29 | 59 | 19 | 47 | 08 | 59 | +22 | 53 | 0.94 | 05 | 04 | 05 | 30 | 05 | 56 | 06 | 08 | 18 | 05 | 18 | 17 | 18 | 43 | 19 | 09 |
| Sun | 20 | 0603.5 | 15 | 33 | 55 | 20 | 44 | 10 | 06 | +26 | 45 | 0.87 | 05 | 05 | 05 | 30 | 05 | 56 | 06 | 09 | 18 | 04 | 18 | 17 | 18 | 42 | 19 | 08 |
| Mon | 21 | 0604.5 | 15 | 37 | 52 | 21 | 44 | 11 | 11 | +28 | 38 | 0.78 | 05 | 05 | 05 | 31 | 05 | 57 | 06 | 09 | 18 | 03 | 18 | 16 | 18 | 42 | 19 | 07 |
| Tues | 22 | 0605.5 | 15 | 41 | 48 | 22 | 45 | 12 | 09 | +28 | 30 | 0.68 | 05 | 05 | 05 | 31 | 05 | 57 | 06 | 09 | 18 | 03 | 18 | 15 | 18 | 41 | 19 | 07 |
| Wed | 23 | 0606.5 | 15 | 45 | 45 | 23 | 44 | 13 | 00 | +26 | 36 | 0.57 | 05 | 06 | 05 | 31 | 05 | 57 | 06 | 10 | 18 | 02 | 18 | 15 | 18 | 40 | 19 | 06 |
| Thur | 24 | 0607.5 | 15 | 49 | 41 | .. | .. | 13 | 43 | +23 | 15 | 0.46 | 05 | 06 | 05 | 32 | 05 | 58 | 06 | 10 | 18 | 02 | 18 | 14 | 18 | 40 | 19 | 06 |
| Fri | 25 | 0608.5 | 15 | 53 | 38 | 00 | 40 | 14 | 22 | +18 | 52 | 0.36 | 05 | 06 | 05 | 32 | 05 | 58 | 06 | 10 | 18 | 01 | 18 | 13 | 18 | 39 | 19 | 05 |
| Sat | 26 | 0609.5 | 15 | 57 | 35 | 01 | 33 | 14 | 56 | +13 | 46 | 0.27 | 05 | 07 | 05 | 32 | 05 | 58 | 06 | 11 | 18 | 00 | 18 | 13 | 18 | 39 | 19 | 05 |
| Sun | 27 | 0610.5 | 16 | 01 | 31 | 02 | 23 | 15 | 28 | +08 | 12 | 0.19 | 05 | 07 | 05 | 33 | 05 | 59 | 06 | 11 | 18 | 00 | 18 | 12 | 18 | 38 | 19 | 04 |
| Mon | 28 | 0611.5 | 16 | 05 | 28 | 03 | 11 | 15 | 58 | +02 | 22 | 0.12 | 05 | 07 | 05 | 33 | 05 | 59 | 06 | 12 | 17 | 59 | 18 | 12 | 18 | 38 | 19 | 04 |
| Tues | 29 | 0612.5 | 16 | 09 | 24 | 03 | 59 | 16 | 28 | -03 | 31 | 0.06 | 05 | 08 | 05 | 34 | 06 | 00 | 06 | 12 | 17 | 59 | 18 | 11 | 18 | 37 | 19 | 03 |
| Wed | 30 | 0613.5 | 16 | 13 | 21 | 04 | 46 | 16 | 59 | -09 | 19 | 0.02 | 05 | 08 | 05 | 34 | 06 | 00 | 06 | 13 | 17 | 58 | 18 | 11 | 18 | 37 | 19 | 03 |
| Thur | 31 | 0614.5 | 16 | 17 | 17 | 05 | 35 | 17 | 32 | -14 | 48 | 0.00 | 05 | 08 | 05 | 34 | 06 | 00 | 06 | 13 | 17 | 58 | 18 | 10 | 18 | 36 | 19 | 02 |